

MMP-13 inhibitors

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NEWS	4	DEC 23	New IPC8 SEARCH, DISPLAY, and SELECT fields in USPATFULL/USPAT2
NEWS	5	JAN 13	IPC 8 searching in IFIPAT, IFIUDB, and IFICDB
NEWS	6	JAN 13	New IPC 8 SEARCH, DISPLAY, and SELECT enhancements added to INPADOC
NEWS	7	JAN 17	Pre-1988 INPI data added to MARPAT
NEWS	8	JAN 17	IPC 8 in the WPI family of databases including WPIFV
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NEWS	10	JAN 31	Monthly current-awareness alert (SDI) frequency added to TULSA
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NEWS	14	FEB 22	Updates in EPFULL; IPC 8 enhancements added
NEWS	15	FEB 27	New STN AnaVist pricing effective March 1, 2006
NEWS	16	FEB 28	MEDLINE/LMEDLINE reload improves functionality
NEWS	17	FEB 28	TOXCENTER reloaded with enhancements
NEWS	18	FEB 28	REGISTRY/ZREGISTRY enhanced with more experimental spectral property data
NEWS	19	MAR 01	INSPEC reloaded and enhanced
NEWS	20	MAR 03	Updates in PATDPA; addition of IPC 8 data without attributes
NEWS	21	MAR 08	X.25 communication option no longer available after June 2006
NEWS	22	MAR 22	EMBASE is now updated on a daily basis

NEWS EXPRESS FEBRUARY 15 CURRENT VERSION FOR WINDOWS IS V8.01a,
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MMP-13 inhibitors

* * * * * STN Columbus * * * * *

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SINCE FILE

TOTAL

ENTRY

SESSION

FULL ESTIMATED COST

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0.21

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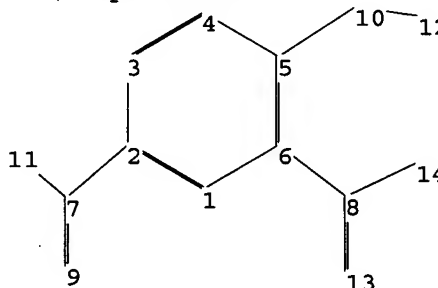
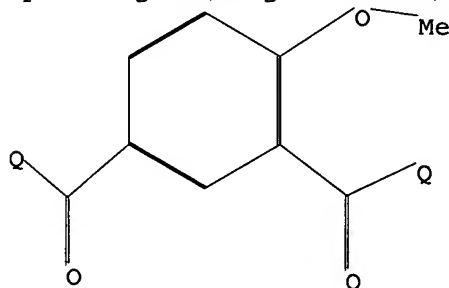
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=>

Uploading C:\Program Files\Stnexp\Queries\isophtalic.str



chain nodes :

7 8 9 10 11 12 13 14

ring nodes :

1 2 3 4 5 6

chain bonds :

2-7 5-10 6-8 7-9 7-11 8-13 8-14 10-12

ring bonds :

1-2 1-6 2-3 3-4 4-5 5-6

exact/norm bonds :

5-10 7-9 7-11 8-13 8-14

exact bonds :

2-7 6-8 10-12

normalized bonds :

1-2 1-6 2-3 3-4 4-5 5-6

MMP-13 inhibitors

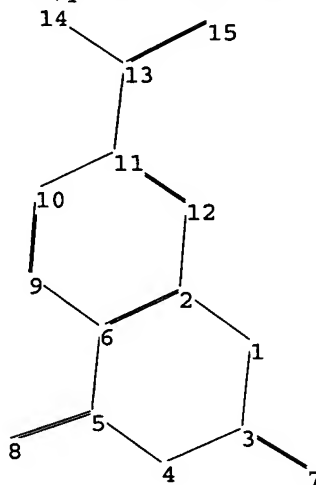
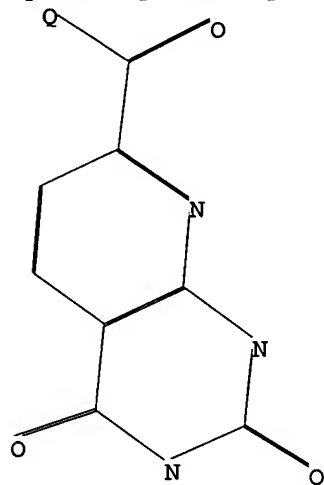
Match level :

1:Atom 2:Atom 3:Atom 4:Atom 5:Atom 6:Atom 7:CLASS 8:CLASS 9:CLASS 10:CLASS
11:CLASS 12:CLASS 13:CLASS 14:CLASS

L1 STRUCTURE UPLOADED

=>

Uploading C:\Program Files\Stnexp\Queries\quinazoline.str



chain nodes :

7 8 13 14 15

ring nodes :

1 2 3 4 5 6 9 10 11 12

chain bonds :

3-7 5-8 11-13 13-14 13-15

ring bonds :

1-2 1-3 2-6 2-12 3-4 4-5 5-6 6-9 9-10 10-11 11-12

exact/norm bonds :

1-2 1-3 3-4 3-7 4-5 5-6 5-8 13-14 13-15

exact bonds :

11-13

normalized bonds :

2-6 2-12 6-9 9-10 10-11 11-12

Match level :

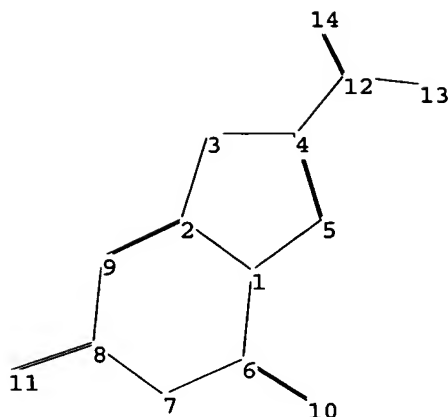
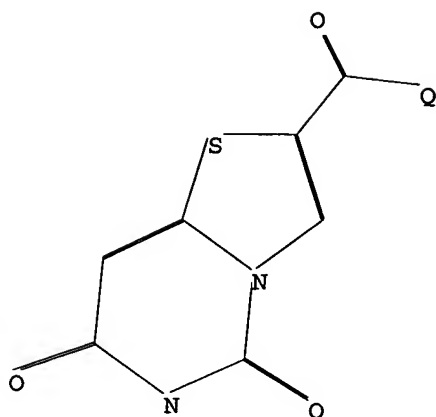
1:Atom 2:Atom 3:Atom 4:Atom 5:Atom 6:Atom 7:CLASS 8:CLASS 9:Atom 10:Atom
11:Atom 12:Atom 13:CLASS 14:CLASS 15:CLASS

L2 STRUCTURE UPLOADED

=>

Uploading C:\Program Files\Stnexp\Queries\thiazolopyrimidinone.str

MMP-13 inhibitors



```

chain nodes :
10 11 12 13 14
ring nodes :
1 2 3 4 5 6 7 8 9
chain bonds :
4-12 6-10 8-11 12-13 12-14
ring bonds :
1-2 1-5 1-6 2-3 2-9 3-4 4-5 6-7 7-8 8-9
exact/norm bonds :
1-2 1-5 1-6 2-3 2-9 3-4 4-5 6-7 6-10 7-8 8-9 8-11 12-13 12-14
exact bonds :
4-12
  
```

```

Match level :
1:Atom 2:Atom 3:Atom 4:Atom 5:Atom 6:Atom 7:Atom 8:Atom 9:Atom 10:CLASS
11:CLASS 12:CLASS 13:CLASS 14:CLASS
  
```

L3 STRUCTURE UPLOADED

=> s L1 or L2 or L3

REGISTRY INITIATED

Substance data SEARCH and crossover from CAS REGISTRY in progress...
Use DISPLAY HITSTR (or FHITSTR) to directly view retrieved structures.

SAMPLE SEARCH INITIATED 15:40:26 FILE 'REGISTRY'
SAMPLE SCREEN SEARCH COMPLETED - 1760 TO ITERATE

100.0% PROCESSED 1760 ITERATIONS
SEARCH TIME: 00.00.01

28 ANSWERS

FULL FILE PROJECTIONS: ONLINE **COMPLETE**
BATCH **COMPLETE**
PROJECTED ITERATIONS: 32684 TO 37716
PROJECTED ANSWERS: 243 TO 877

L4 28 SEA SSS SAM L1

MMP-13 inhibitors

L5 74 L4

REGISTRY INITIATED

Substance data SEARCH and crossover from CAS REGISTRY in progress...
Use DISPLAY HITSTR (or FHITSTR) to directly view retrieved structures.

SAMPLE SEARCH INITIATED 15:40:27 FILE 'REGISTRY'
SAMPLE SCREEN SEARCH COMPLETED - 9 TO ITERATE

100.0% PROCESSED 9 ITERATIONS 0 ANSWERS
SEARCH TIME: 00.00.01

FULL FILE PROJECTIONS: ONLINE **COMPLETE**
 BATCH **COMPLETE**
PROJECTED ITERATIONS: 9 TO 360
PROJECTED ANSWERS: 0 TO 0

L6 0 SEA SSS SAM L2

L7 0 L6

REGISTRY INITIATED

Substance data SEARCH and crossover from CAS REGISTRY in progress...
Use DISPLAY HITSTR (or FHITSTR) to directly view retrieved structures.

SAMPLE SEARCH INITIATED 15:40:28 FILE 'REGISTRY'
SAMPLE SCREEN SEARCH COMPLETED - 53 TO ITERATE

100.0% PROCESSED 53 ITERATIONS 10 ANSWERS
SEARCH TIME: 00.00.01

FULL FILE PROJECTIONS: ONLINE **COMPLETE**
 BATCH **COMPLETE**
PROJECTED ITERATIONS: 624 TO 1496
PROJECTED ANSWERS: 11 TO 389

L8 10 SEA SSS SAM L3

L9 2 L8

L10 75 L5 OR L7 OR L9

=> s L10 and py<2002
 21808389 PY<2002
L11 66 L10 AND PY<2002

=> s L11 and (MMP-13 or metalloprotease(w)13)

MMP-13 inhibitors

13336 MMP
813609 13
982 MMP-13
(MMP(W)13)
4433 METALLOPROTEASE
813609 13
52 METALLOPROTEASE(W)13

L12 0 L11 AND (MMP-13 OR METALLOPROTEASE(W)13)

=> d L11 1-10 ti

L11 ANSWER 1 OF 66 CAPLUS COPYRIGHT 2006 ACS on STN
TI Unusual radical ipso-substitution reaction of an aromatic methoxy group induced by tris(trimethylsilyl)silane-AIBN or SmI2

L11 ANSWER 2 OF 66 CAPLUS COPYRIGHT 2006 ACS on STN
TI Preparation of aroyl ketone derivative, as UV ray absorber and cosmetic compositions

L11 ANSWER 3 OF 66 CAPLUS COPYRIGHT 2006 ACS on STN
TI UV ray-protecting compositions containing benzoyl ketones

L11 ANSWER 4 OF 66 CAPLUS COPYRIGHT 2006 ACS on STN
TI Alkyliron and alkylcobalt reagents. VIII. Alkyliron(II) compounds as reagents and catalysts for the transformation of acyl chlorides into ketones

L11 ANSWER 5 OF 66 CAPLUS COPYRIGHT 2006 ACS on STN
TI UV-screening compositions containing benzoyl ketones and volatile oils

L11 ANSWER 6 OF 66 CAPLUS COPYRIGHT 2006 ACS on STN
TI Sunscreen compositions containing benzoyl ketones and UV-scattering agents

L11 ANSWER 7 OF 66 CAPLUS COPYRIGHT 2006 ACS on STN
TI Synthesis of a platelet antiaggregant-picotamide and its analogs

L11 ANSWER 8 OF 66 CAPLUS COPYRIGHT 2006 ACS on STN
TI Preparation of aroyl ketone derivative as UV ray absorber and cosmetic compositions

L11 ANSWER 9 OF 66 CAPLUS COPYRIGHT 2006 ACS on STN
TI Synthesis of decarboxythamnolic acid

L11 ANSWER 10 OF 66 CAPLUS COPYRIGHT 2006 ACS on STN
TI Structure elucidation of a glycopeptide antibiotic, OA-7653

=> s L11 and metalloprotease

4433 METALLOPROTEASE

L13 0 L11 AND METALLOPROTEASE

=> d L11 1-10 ti abs bib

L11 ANSWER 1 OF 66 CAPLUS COPYRIGHT 2006 ACS on STN
TI Unusual radical ipso-substitution reaction of an aromatic methoxy group induced by tris(trimethylsilyl)silane-AIBN or SmI2
AB While conformationally favorable thiocarbamates bearing an aromatic methoxy group undergo intramol. ipso-substitution of the methoxy group by treatment with (Me3Si)3SiH (TTMSS) and AIBN, either conformationally flexible or favorable ketones easily cyclize into 5- or 6-membered rings by treatment with SmI2.
AN 2000:456357 CAPLUS

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DN 133:252131
TI Unusual radical ipso-substitution reaction of an aromatic methoxy group induced by tris(trimethylsilyl)silane-AIBN or SmI₂
AU Tanaka, Tetsuaki; Wakayama, Ryutaro; Maeda, Shin-ichiro; Mikamiyama, Hidenori; Maezaki, Naoyoshi; Ohno, Hiroaki
CS Grad. Sch. Pharm. Sci., Osaka University, Suita, Osaka, 565-0871, Japan
SO Chemical Communications (Cambridge) (2000), (14), 1287-1288
CODEN: CHCOFS; ISSN: 1359-7345
PB Royal Society of Chemistry
DT Journal
LA English
OS CASREACT 133:252131
RE.CNT 21 THERE ARE 21 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L11 ANSWER 2 OF 66 CAPLUS COPYRIGHT 2006 ACS on STN
TI Preparation of aroyl ketone derivative, as UV ray absorber and cosmetic compositions
AB Title compds. Ar(COCH₂COR₁)_n (I; R₁ = n-Bu, n-heptyl; Ar = (substituted) Ph, -naphthyl; n = 1-3) exhibiting sunscreen effect, are prepared NaH, 3,4-(OMe)C₆H₃CO₂Me and anhydr. THF were refluxed followed by pinacolone to give I (Ar = 3,4-(MeO)₂C₆H₆, R₁ = Me₃C, n = 1 (II). In an UV stability study, the stability of II against light was >99 and 99% after 14 and 65 h, resp.

AN 1993:559912 CAPLUS
DN 119:159912
TI Preparation of aroyl ketone derivative, as UV ray absorber and cosmetic compositions
IN Yamada, Shinji; Kawamata, Akira; Imokawa, Genji; Masuda, Shinichi; Yamaguchi, Masakazu; Niinaka, Kouichi; Joukura, Hiroko
PA Kao Corp., Japan
SO U.S., 10 pp. Cont.-in-part of U.S. Ser. No. 577,567, abandoned.
CODEN: USXXAM
DT Patent
LA English
FAN.CNT 2

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	US 5191121	A	19930302	US 1991-684872	19910415 <--
	JP 03220153	A2	19910927	JP 1990-12196	19900122 <--
	JP 06035416	B4	19940511		
	JP 03188041	A2	19910816	JP 1990-234222	19900904 <--
	US 5146002	A	19920908	US 1990-577567	19900905 <--
PRAI	JP 1989-229708	A	19890905		
	JP 1990-12196	A	19900122		
	US 1990-577567	B2	19900905		
OS	MARPAT 119:159912				

L11 ANSWER 3 OF 66 CAPLUS COPYRIGHT 2006 ACS on STN
TI UV ray-protecting compositions containing benzoyl ketones
AB The title compns. contain (A) R₁mPh(COCH₂COR₂)_n [R₁ = OH, C₁-24 alkoxy, C₂-24 alkenyloxy, (polyoxyalkylene)oxy; 2 R₁ may form α-methylenedioxy; R₂ = C₂-24 (un)saturated hydrocarbyl, C₁-24 hydroxyalkyl, C₂-24 alkoxyalkyl, C₃-24 alkenyloxyalkyl, NR₃R₄; R₂ may differ with each other; R₃, R₄ = C₁-24 hydrocarbyl; NR₃R₄ = may form (O-containing) 5- to 7-membered ring; Ph = benzene ring; m = 0-4; n = 1-4; m + n ≤ 6] or their salts, (B) liquid UV absorbers, (C) di-Me siloxanes, and (D) glyceryl ether-modified silicones and/or Me Ph siloxanes. The benzoyl ketones have good compatibility with the siloxanes, thus showing no precipitation of the crystals. 1,4-Bis(4,4-dimethyl-3-oxopentanoyl)benzene (preparation given) 5.0, glyceryl ether-modified siloxane (prepared from 10-undecenyl glyceryl ether and hydrogen siloxane) 3.0, KF 96A (di-Me siloxane, 5 cs) 5.0, KF 96A (50 cs) 2.0, Parsol MCX 3.0, SF 557 (Me Ph siloxane) 1.0, glycerin 10.0, and

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H2O to 100% were mixed to give a sunscreen, in which no precipitation was formed.

AN 1993:546368 CAPLUS

DN 119:146368

TI UV ray-protecting compositions containing benzoyl ketones

IN Yoda, Yoshitaka; Shioya, Yasushi; Sugawara, Satoshi

PA Kao Corp, Japan

SO Jpn. Kokai Tokkyo Koho, 20 pp.

CODEN: JKXXAF

DT Patent

LA Japanese

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
	-----	----	-----	-----	-----
PI	JP 05124945	A2	19930521	JP 1991-287986	19911101 <--
PRAI	JP 1991-287986		19911101		
OS	MARPAT 119:146368				

L11 ANSWER 4 OF 66 CAPLUS COPYRIGHT 2006 ACS on STN

TI Alkyliron and alkylcobalt reagents. VIII. Alkyliron(II) compounds as reagents and catalysts for the transformation of acyl chlorides into ketones

AB Me₂Fe, Bu₂Fe, Me₃FeLi, or Bu₃FeLi - prepared in situ by reduction of FeCl₃ to FeCl₂ and subsequent alkylation with MeLi, MeMgBr, BuLi, or BuMgBr - are useful reagents for the conversion of acyl chlorides into ketones. The system (RMgX + catalytic amount of FeCl₃) reacts like alkyl FeII reagents with acyl chlorides to give ketones even at -65°C. Competition experiment with benzoyl chloride/2-methoxybenzoyl chloride show that the selectivity increases (competition consts. K = 9.9, 10.7, 10.9, 15.0, ca. 110) in the sequence MeFeCl, Me₂Fe, Me₃Fe(MgBr), Me₄Fe(MgBr)₂, and catalytic system [MeMgBr + 2.5 mol % FeCl₃] (2, 3, 4, 5, and 40 MeMgBr per 1 mol FeCl₃, resp.). A new hypothesis on the nature of the active catalyst is discussed.

AN 1993:538492 CAPLUS

DN 119:138492

TI Alkyliron and alkylcobalt reagents. VIII. Alkyliron(II) compounds as reagents and catalysts for the transformation of acyl chlorides into ketones

AU Kauffmann, Thomas; Voss, Karl Uwe; Neiteler, Gabriele

CS Org.-Chem. Inst., Univ. Muenster, Muenster, W-4400, Germany

SO Chemische Berichte (1993), 126(6), 1453-9

CODEN: CHBEAM; ISSN: 0009-2940

DT Journal

LA German

L11 ANSWER 5 OF 66 CAPLUS COPYRIGHT 2006 ACS on STN

TI UV-screening compositions containing benzoyl ketones and volatile oils

AB Sunscreen compns. contain R₁mPh(COCH₂COR₂)_n [R₁ = OH, C₁-24 alkoxy, C₂-24 alkenyloxy, (polyoxyalkylene)oxy; 2 R₁ may form α-methylenedioxy; R₂ = C₂-24 (un)saturated hydrocarbyl, C₁-24 hydroxyalkyl, C₂-24 alkoxyalkyl, C₃-24 alkenyloxyalkyl, NR₃R₄; R₃, R₄ = C₁-24 hydrocarbyl; R₃R₄ may form (O-containing) 5- to 7-membered ring; Ph = benzene ring; m = 0-4; n = 1-4; m + n ≤ 6] or their salts and volatile oils. Pinacolone was treated with NaH in THF and refluxed with di-Me terephthalate in THF for 6 h to give 66% 1,4-bis(4,4-dimethyl-3-oxopentanoyl)benzene (I). Sunscreening preparation containing 5% I and IP Solvent 1620 (isoparaffin) was formulated.

AN 1993:197802 CAPLUS

DN 118:197802

TI UV-screening compositions containing benzoyl ketones and volatile oils

IN Yoda, Yoshitaka

PA Kao Corp., Japan

SO Jpn. Kokai Tokkyo Koho, 9 pp.

CODEN: JKXXAF

MMP-13 inhibitors

DT Patent
LA Japanese
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
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PI	JP 04312518	A2	19921104	JP 1991-77901	19910410 <--
PRAI	JP 1991-77901		19910410		

L11 ANSWER 6 OF 66 CAPLUS COPYRIGHT 2006 ACS on STN

TI Sunscreen compositions containing benzoyl ketones and UV-scattering agents

AB Sunscreens contain $R_1mPh(COCH_2COR_2)_n$ [$R_1 = OH$, C1-24 alkoxy, C2-24 alkenyloxy, (polyoxyalkylene)oxy; 2 R_1 may form α -methylenedioxy; $R_2 = C_2-24$ (un)saturated hydrocarbyl, C1-24 hydroxyalkyl, C2-24 alkoxyalkyl, C3-24 alkenyloxyalkyl, NR₃R₄; $R_3, R_4 = C_1-24$ hydrocarbyl; R₃R₄ may form (O-containing) 5- to 7-membered ring; Ph = benzene ring; $m = 0-4$; $n = 1-4$; $m + n \leq 6$] or their salts and UV-scattering agents. Pinacolone was treated with NaH in THF and refluxed with di-Me terephthalate in THF for 6 h to give 66% 1,4-bis(4,4-dimethyl-3-oxopentanoyl)benzene (I). Sunscreening preparation was prepared from 5 g I, 5 g siloxane-coated silica-alumina powders, and liquid paraffin.

AN 1993:197801 CAPLUS

DN 118:197801

TI Sunscreen compositions containing benzoyl ketones and UV-scattering agents

IN Yoda, Yoshitaka; Sugawara, Satoshi

PA Kao Corp., Japan

SO Jpn. Kokai Tokkyo Koho, 9 pp.

CODEN: JKXXAF

DT Patent

LA Japanese

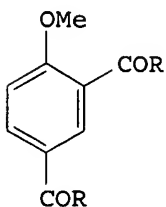
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
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PI	JP 04312517	A2	19921104	JP 1991-77900	19910410 <--
PRAI	JP 1991-77900		19910410		

L11 ANSWER 7 OF 66 CAPLUS COPYRIGHT 2006 ACS on STN

TI Synthesis of a platelet antiaggregant-picotamide and its analogs

GI



AB Title compound I ($R = 3$ -pyridylmethylamino, $PhCH_2NH$, $4-MeC_6H_6NH$, $PhNMe$, dibenzylamino, $4-O_2NC_6H_4NH$, cyclohexylamino, pyrrolidino, piperidino, morpholino, N-methylpiperazinyl, 2-pyridylamino, etc.) were prepared in 33.0-93.5% yield by amidation of I ($R = OH$) with amines.

AN 1992:571156 CAPLUS

DN 117:171156

TI Synthesis of a platelet antiaggregant-picotamide and its analogs

AU Tong, Zeen; Chen, Wenhao; Peng, Sixun

CS Div. Med. Chem., China Pharm. Univ., Nanjing, Peop. Rep. China

SO Zhongguo Yaoke Daxue Xuebao (1992), 23(1), 1-4

CODEN: ZHYXE9; ISSN: 1000-5048

MMP-13 inhibitors

DT Journal
LA Chinese

L11 ANSWER 8 OF 66 CAPLUS COPYRIGHT 2006 ACS on STN

TI Preparation of aroyl ketone derivative as UV ray absorber and cosmetic compositions

AB Title compds. $\text{Ar}(\text{COCH}_2\text{COR}_1)_n$ [I; Ar = (substituted) Ph or naphthyl; R₁ = hydrocarbyl, alkoxyalkyl, alkenyloxyalkyl, dialkylamino; n = 1-4), are prepared. NaH, 3,4-(MeO)₂C₆H₃CO₂Me, and anhydrous THF were mixed and refluxed while pinacolone was added to give, after work-up, I (Ar = 3,4-(MeO)₂C₆H₃; R₁ = Me₃C; n = 1) (II). In an UV stability study, the stability of II against light was >99 and 99% after 14 and 65 h, resp. Addnl. I were prepared and tested. Cosmetic formulations comprising I are given.

AN 1991:491868 CAPLUS

DN 115:91868

TI Preparation of aroyl ketone derivative as UV ray absorber and cosmetic compositions

IN Yamada, Shinji; Kawamata, Akira; Imokawa, Genji; Masuda, Shinichi; Yamaguchi, Masakazu; Niinaka, Koichi; Joukura, Hiroko

PA Kao Corp., Japan

SO Eur. Pat. Appl., 18 pp.

CODEN: EPXXDW

DT Patent

LA English

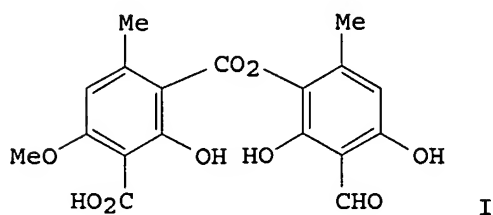
FAN.CNT 2

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	EP 416564	A2	19910313	EP 1990-117020	19900904 <--
	EP 416564	A3	19920311		
	R: DE, ES, FR, GB				
	JP 03220153	A2	19910927	JP 1990-12196	19900122 <--
	JP 06035416	B4	19940511		
	JP 03188041	A2	19910816	JP 1990-234222	19900904 <--
PRAL	JP 1989-229708	A	19890905		
	JP 1990-12196	A	19900122		
OS	MARPAT 115:91868				

L11 ANSWER 9 OF 66 CAPLUS COPYRIGHT 2006 ACS on STN

TI Synthesis of decarboxythamnolic acid

GI



AB Decarboxythamnolic acid (I) was prepared biomimetically via esterification of the monoesterified benzenedicarboxylic acid with the trihydroxybenzaldehyde fragment.

AN 1989:172962 CAPLUS

DN 110:172962

TI Synthesis of decarboxythamnolic acid

AU Pulgarin, Cesar; Tabacchi, Raffaele

CS Inst. Chim., Univ. Neuchatel, Neuchatel, CH-2000, Switz.

SO Helvetica Chimica Acta (1988), 71(4), 876-80

CODEN: HCACAV; ISSN: 0018-019X

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DT Journal
LA French
OS CASREACT 110:172962

L11 ANSWER 10 OF 66 CAPLUS COPYRIGHT 2006 ACS on STN
TI Structure elucidation of a glycopeptide antibiotic, OA-7653
AB The structure of a vancomycin-type antibiotic, OA-7653, isolated from *Streptomyces hygroscopicus* subsp. *hiwasaensis* subsp. nov. Nishida, has been elucidated by a combination of classical chemical methods, mass spectrometry, and NMR spectroscopy. The interaction of OA-7653 with the peptide cell wall analogs N-acetyl-D-alanyl-D-alanine, and di-N-acetyl-L-lysyl-D-alanyl-D-alanine in aqueous Me₂SO has been examined by

NMR and UV difference spectroscopy.

AN 1989:58057 CAPLUS
DN 110:58057
TI Structure elucidation of a glycopeptide antibiotic, OA-7653
AU Ang, Siau Gek; Williamson, Michael P.; Williams, Dudley H.
CS Univ. Chem. Lab., Cambridge, CB2 1EW, UK
SO Journal of the Chemical Society, Perkin Transactions 1: Organic and Bio-Organic Chemistry (1972-1999) (1988), (7), 1949-56
CODEN: JCPRB4; ISSN: 0300-922X
DT Journal
LA English
OS CASREACT 110:58057

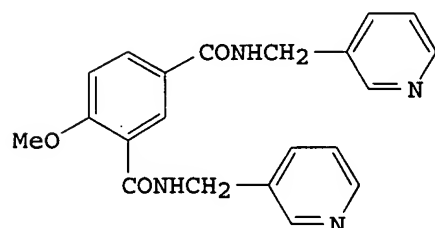
=> d L11 11-20 ti abs bib

L11 ANSWER 11 OF 66 CAPLUS COPYRIGHT 2006 ACS on STN
TI Simple synthesis of polyketones containing anthraquinone units
AB Polyketones containing anthraquinone units were prepared by the direct polycondensation of 1,5-diphenoxyanthraquinone with aliphatic and aromatic dicarboxylic acids, in the presence of P2O5-methanesulfonic acid as condensing agent and solvent. Model compds. were prepared using monocarboxylic acids.

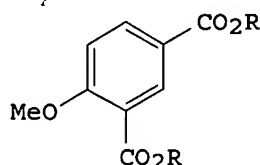
AN 1988:493722 CAPLUS
DN 109:93722
TI Simple synthesis of polyketones containing anthraquinone units
AU Ueda, Mitsuru; Sugita, Hiroya; Waragai, Takako
CS Fac. Eng., Yamagata Univ., Yamagata, 992, Japan
SO Polymer Journal (Tokyo, Japan) (1988), 20(5), 433-7
CODEN: POLJB8; ISSN: 0032-3896
DT Journal
LA English

L11 ANSWER 12 OF 66 CAPLUS COPYRIGHT 2006 ACS on STN
TI Process for the preparation of 4-methoxy-N,N'-bis(3-pyridylmethyl)isophthalamide

GI



I



II

MMP-13 inhibitors

AB The title compound (I; i.e. picotamide), used as an anticoagulant, is prepared by saponification of methoxybenzenedicarboxylate esters II (R = Me, Et, CHMe₂) with KOH in EtOH, followed by treatment of the resultant II (R = K) with an acid chloride and then 3-pyridylmethylamine (III) and a tertiary amine. II (R = Me) (20 g) was saponified with 17.6 g KOH in refluxing 95% aqueous EtOH to give 22 g II (R = K), which was suspended in CH₂Cl₂ at 0° and treated with 17.5 g Me₃CCOCl at <4°. The mixture was stirred for 1 h and treated with 15.7 mL III and 14.2 mL Et₃N to give 26.4 g I.

AN 1987:458869 CAPLUS

DN 107:58869

TI Process for the preparation of 4-methoxy-N,N'-bis(3-pyridylmethyl)isophthalamide

IN Rubio, Eduardo

PA Laboratorio Veris S. L., Spain

SO Span., 5 pp.

CODEN: SPXXAD

DT Patent

LA Spanish

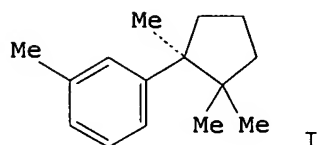
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	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	ES 549689	A1	19860901	ES 1985-549689	19851206 <--
PRAI	ES 1985-549689		19851206		

L11 ANSWER 13 OF 66 CAPLUS COPYRIGHT 2006 ACS on STN

TI Structures of ent-herbertane sesquiterpenoids displaying antifungal properties from the liverwort *Herberta adunca*

GI



AB Several aromatic sesquiterpenoids, e.g., (-)-herbertene (I), displaying antifungal properties, were isolated from the liverwort *H. adunca* together with a mother hydrocarbon with a novel irregular sesquiterpene skeleton, ent-herbertane, and their structures and absolute configurations were determined on

the basis of extensive degradation reactions and spectroscopic evidence. The biol. activity is also described.

AN 1986:530663 CAPLUS

DN 105:130663

TI Structures of ent-herbertane sesquiterpenoids displaying antifungal properties from the liverwort *Herberta adunca*

AU Matsuo, Akihiko; Yuki, Shunji; Nakayama, Mitsuru

CS Fac. Sci., Hiroshima Univ., Hiroshima, 730, Japan

SO Journal of the Chemical Society, Perkin Transactions 1: Organic and Bio-Organic Chemistry (1972-1999) (1986), (4), 701-10

CODEN: JCPRB4; ISSN: 0300-922X

DT Journal

LA English

L11 ANSWER 14 OF 66 CAPLUS COPYRIGHT 2006 ACS on STN

TI Teicoplanin, antibiotics from *Actinoplanes teichomyceticus* nov. sp. V. Aromatic constituents

MMP-13 inhibitors

AB Oxidative and hydrolytic degradation reactions were carried out on teicoplanin in order to characterize the aromatic portion of the mol. and relate it to the other members of the class of glycopeptide antibiotics. Seven aromatic rings, obtained as tri-Ph ether, di-Ph ether, and di-Ph moieties after oxidation and hydrolysis of teicoplanin, were identified. They are present in teicoplanin as aromatic amino acids and constitute the pep[tide part of the mol. The di-Ph ether and di-Ph moieties, which were isolated both as esters after oxidation and as α -amino acids after acid hydrolysis clearly indicate the nature of the corresponding amino acids in teicoplanin. The tri-Ph ether moiety, which was isolated only as ester, allows the hypothesis that the corresponding amino acids are the same as those of the other glycopeptide antibiotics.

AN 1984:630998 CAPLUS

DN 101:230998

TI Teicoplanin, antibiotics from *Actinoplanes teichomyceticus* nov. sp. V. Aromatic constituents

AU Coronelli, Carolina; Bardone, Maria Rosa; DePaoli, Adele; Farrari, Pietro; Tuan, Giorgio; Gallo, Gian Gualberto

CS Res. Lab., Gruppo Lepetit S.p.A., Milan, 20158, Italy

SO Journal of Antibiotics (1984), 37(6), 621-6

CODEN: JANTAJ; ISSN: 0021-8820

DT Journal

LA English

L11 ANSWER 15 OF 66 CAPLUS COPYRIGHT 2006 ACS on STN

TI Elimination of water from o-substituted methyl methoxybenzenepolycarboxylates under electron impact

AB The mass spectra of 9 3,5,2-RR1(R2O)C6H2CO2Me (I; R = H, Me, MeO, MeO2C, Br; R1 = H, MeO2C; R2 = Me, CD3) was studied in detail. H2O elimination was observed only in I (R = MeO2C), and involved only the R2O group.

AN 1984:208928 CAPLUS

DN 100:208928

TI Elimination of water from o-substituted methyl methoxybenzenepolycarboxylates under electron impact

AU Galyashin, V. N.; Rozynov, B. V.

CS Inst. Bioorg. Khim. im. Shemyakina, Moscow, USSR

SO Izvestiya Akademii Nauk SSSR, Seriya Khimicheskaya (1983), (12), 2830-3

CODEN: IASKA6; ISSN: 0002-3353

DT Journal

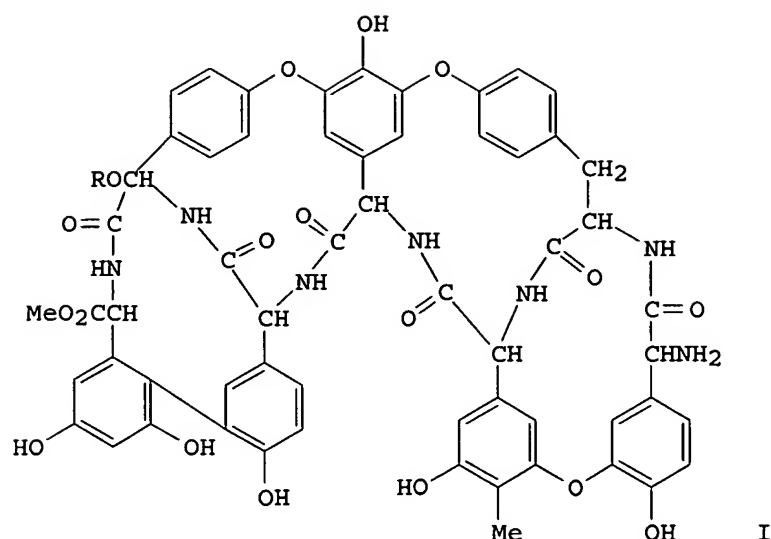
LA Russian

L11 ANSWER 16 OF 66 CAPLUS COPYRIGHT 2006 ACS on STN

TI Structure of the pseudoaglycon of actaplanin

GI

MMP-13 inhibitors



AB The structure of the title aglycon (I, R = ristosamine) was determined by NMR spectroscopy and degradation studies.

AN 1984:86115 CAPLUS

DN 100:86115

TI Structure of the pseudoaglycon of actaplanin

AU Hunt, Ann H.; Debono, Manuel; Merkel, Kurt E.; Barnhart, Mitchell

CS Lilly Res. Lab., Eli Lilly and Co., Indianapolis, IN, 46285, USA

SO Journal of Organic Chemistry (1984), 49(4), 635-40

CODEN: JOCEAH; ISSN: 0022-3263

DT Journal

LA English

L11 ANSWER 17 OF 66 CAPLUS COPYRIGHT 2006 ACS on STN

TI Mass spectra of methoxy-substituted methyl benzenecarboxylates of different basicity

AB The mass spectra of the following esters were analyzed: Me 2-, 3-, and 4-methoxybenzoate; tri-Me 4- and 5-methoxyhemimellitate; tri-Me 3-, 5-, and 6-methoxytrimellitate; Me 2-methoxytrimesate; di-Me 3- and 4-methoxyphthalate; di-Me 2-, 4-, and 5-methoxyisophthalate; di-Me methoxyterephthalate; tetra-Me methoxyprehnitate; tetra-Me methoxypyromellitate; and tetra-Me methoxymellophanate. Rearrangement ions were observed at $[M-H_2O]^+$, $[M-CHO]^+$, $[M-MeOH]^+$, and $[M-C_2H_5O]^+$; their intensity was determined by the position of the substituents.

AN 1984:22255 CAPLUS

DN 100:22255

TI Mass spectra of methoxy-substituted methyl benzenecarboxylates of different basicity

AU Galyashin, V. N.; El'kin, Yu. N.; Rozynov, B. V.; Kuz'min, N. M.

CS Inst. Bioorg. Khim. im. Shemyakina, Moscow, USSR

SO Izvestiya Akademii Nauk SSSR, Seriya Khimicheskaya (1983), (9), 2058-68

CODEN: IASKA6; ISSN: 0002-3353

DT Journal

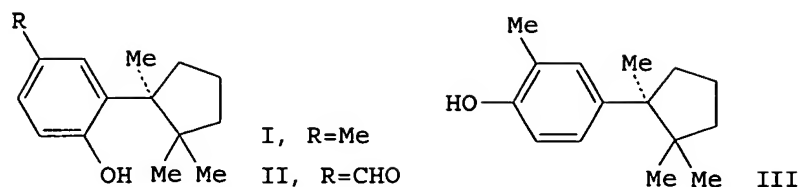
LA Russian

L11 ANSWER 18 OF 66 CAPLUS COPYRIGHT 2006 ACS on STN

TI Three new sesquiterpene phenols of the ent-herbertane class from the liverwort Herberta adunca

GI

MMP-13 inhibitors



AB Three sesquiterpene phenols named (-)- α -herbertenol (I), (-)- α -formylherbertenol (II), and (-)- β -herbertenol (III) with an ent-herbertane skeleton were isolated from the liverwort *H. adunca*, and the elucidation of their structures and absolute configurations was achieved on the basis of the chemical and spectral evidence.

AN 1982:436056 CAPLUS

DN 97:36056

TI Three new sesquiterpene phenols of the ent-herbertane class from the liverwort *Herberta adunca*

AU Matsuo, Akihiko; Yuki, Shunji; Nakayama, Mitsuru; Hayashi, Shuichi

CS Fac. Sci., Hiroshima Univ., Hiroshima, 730, Japan

SO Chemistry Letters (1982), (4), 463-6

CODEN: CMLTAG; ISSN: 0366-7022

DT Journal

LA English

L11 ANSWER 19 OF 66 CAPLUS COPYRIGHT 2006 ACS on STN

TI Interference peaks in DADI/MIKE spectra of methyl esters of benzenepolycarboxylic acids

AB The DADI spectra of thirty-four Me esters of benzenepolycarboxylic acids contained 2 intense metastable-ion peaks with nonintegral mass nos. These peaks were explained by the superposition of the spectra of ions formed in the 1st and 2nd no-field regions of the double-focusing mass spectrometer.

AN 1982:217062 CAPLUS

DN 96:217062

TI Interference peaks in DADI/MIKE spectra of methyl esters of benzenepolycarboxylic acids

AU Galyashin, V. N.; Rozynov, B. V.

CS Inst. Bioorg. Khim. im. Shemyakina, Moscow, USSR

SO Izvestiya Akademii Nauk SSSR, Seriya Khimicheskaya (1982), (3), 581-7

CODEN: IASKA6; ISSN: 0002-3353

DT Journal

LA Russian

L11 ANSWER 20 OF 66 CAPLUS COPYRIGHT 2006 ACS on STN

TI Spectra of metastable ions of position isomers of methyl esters of benzenepolycarboxylic acids

AB The DADI method was used to analyze the mass spectra of 28 Me esters of benzenedi- and benzenetricarboxylic acids, most of which contained OH or OMe substituents on the ring. The metastable ions at M^+ [M - OMe (or MeOH)] $^+$, and [M - CO₂Me (or HCO₂Me)] $^+$ can be used to identify the isomers.

AN 1982:180547 CAPLUS

DN 96:180547

TI Spectra of metastable ions of position isomers of methyl esters of benzenepolycarboxylic acids

AU Galyashin, V. N.; Rozynov, B. V.

CS Inst. Bioorg. Khim., Moscow, USSR

SO Izvestiya Akademii Nauk SSSR, Seriya Khimicheskaya (1982), (2), 280-5

CODEN: IASKA6; ISSN: 0002-3353

DT Journal

MMP-13 inhibitors

LA Russian

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ANTE	- Abstr. in New Technologies and Eng. 1981 - present
APOLLIT	- APPLIED POLYMERS LITERATURE 1973-present
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AQUASCI	- Aquatic Sciences & Fisheries Abstracts 1978-present
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BABS	- BEILSTEIN Abstracts 1980-present
BEILSTEIN	- BEILSTEIN File of Organic Compounds
BIBLIODATA	- GERMAN NATIONAL BIBLIOGRAPHY FROM 1945 - PRESENT
BIOENG	- Biotechnology and Bioengineering database 1982 - pres.
BIOSIS	- The BIOSIS Previews(R)/RN File 1969-present
BIOTECHABS	- Derwent Biotechnology Resource 1982-present
BIOTECHDS	- Derwent Biotechnology Resource 1982-present (Subsc.)
BIOTECHNO	- BIOTECHNOBASE 1980 TO 2003
BLLDB	- LINGUISTIC LITERATURE from 1971-present
CA	- The Chemical Abstracts File 1907-present
CABA	- CAB ABSTRACTS 1973-present
CAOLD	- The pre-1967 Chemical Abstracts File
CAPLUS	- The Chemical Abstracts Plus File 1907-present
CASREACT	- The Chemical Abstracts Reaction Search Service
CBNB	- Chemical Business NewsBase from 1984-present
CEABA-VTB	- Chem Eng and Biotech Abstr - Verfahrenstechn Ber 1966-
CERAB	- Ceramic Abstracts/World Ceramic Abstracts from 1975
CHEMCATS	- CHEMICAL CATALOGS ONLINE 1993-to the present
CHEMINFORMRX	- The CHEMINFORMRX Reaction Search Service
CHEMLIST	- Regulated Chemicals Listing
CHEMSAFE	- CHEMSAFE - chemical safety information
CIN	- The Chemical Industry Notes File for 1974-present
CIVILENG	- Civil Engineering Abstracts 1966 to the present
COMPENDEX	- COMPENDEX*PLUS File from 1970 - present
COMPUAB	- Computer & Information Systems Abstracts 1981-present
COMPUSCIENCE	- COMPUTERSCIENCE FROM 1972-2002
CONF	- Conferences in Energy, Physics, Mathematics etc.
CONFSCI	- Conference Papers Index from 1973-present
COPPERDATA	- Copper and Copper Alloy Standards and Data
COPPERLIT	- Copper Literature Database
CORROSION	- Corrosion Abstracts 1980 to the present
CROPB	- Derwent Crop Protection File 1968 - 1984
CROPR	- Derwent Crop Protection Registry
CROPU	- DERWENT CROP PROTECTION FILE 1985 - 2003

MMP-13 inhibitors

CSCHEM	- ChemSources - USA and International (Chemicals)
CSCORP	- ChemSources - USA and International (Company Directory)
CSNB	- Chemical Safety News Base from 1981-present
DDFB	- Derwent Drug File, Backfile 1964 - 1982
DDFU	- Derwent Drug File from 1983 - present
DETERM	- DETHERM-DECHEMA thermophysical property database
DGENE	- Derwent Geneseq Database 1981 - present
DIORGES	- FDA Regulatory Updates 1976-present
DIPPR	- AIChE Design Inst. Physical Property Data File
DISSABS	- Dissertation Abstracts from 1861 to present
DJSMD	- Derwent Reaction Search Service DJSM (Subscribers)
DJSMONLINE	- Derwent Reaction Search Service DJSM
DKF	- The German Automotive Engineering Database 1974-date
DPCI	- Derwent Patents Citation Index 1978 to present
DRUGB	- Derwent Drug File, Backfile 1964 - 1982 (Subscribers)
DRUGMONOG	- IMS Product Monographs (Approved Pharm. Industry Users)
DRUGMONOG2	- IMS Product Monographs
DRUGU	- Derwent Drug File from 1983-present (Subscribers)
ELCOM	- Electronics & Communications Abstracts 1981-present
EMA	- Engineered Materials Abstracts File from 1986-present
EMBAL	- EMBASE Alert
EMBASE	- EMBASE File from 1974-present
ENCOMPLIT	- EnCompass Literature File 1964-present (Supporters)
ENCOMPLIT2	- EnCompass Literature File 1964-Present (Non-Supporters)
ENCOMPAT	- EnCompass Patent File 1964-present (Supporters)
ENCOMPAT2	- EnCompass Patent File 1964-Present (Non-Supporters)
ENERGY	- DOE ENERGY file from 1974-present
ENVIROENG	- Environmental Engineering Abstracts 1990 - present
EPFULL	- European Patents Fulltext database
ESBIOBASE	- Elsevier Biobase 1994 to the present
FEDRIP	- Federal Research in Progress Database
FOMAD	- FOODLINE MARKET 1982 TO PRESENT
FOREGE	- FOODLINE LEGAL
FORIS	- Research in social sciences from 1993 - 2002
FRANCEPAT	- The French Patent Database from 1966 - present
FRFULL	- French Patent Full Text from 1980 - present
FROSTI	- FOODLINE SCIENCE 1972 TO PRESENT
FSTA	- Food Science Technology Abstracts from 1969 - present
GBFULL	- United Kingdom (GB) Patents Full Text from 1979 - pres
GENBANK	- Genetic Sequence Data Bank
GEOREF	- Geological Reference File 1785-present
GELIN	- Gmelin Handbook of Inorganic Chemistry
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HCAPLUS	- CAPLUS File with hour-based pricing
HCHEMLIST	- Regulated Chemicals Listing with hour-based pricing
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ICONDA	- International Construction Database from 1976-present
ICSD	- ICSD - Inorganic Crystal Structure Data File
IFICDB	- The IFI Comprehensive Database from 1950-present
IFICLS	- The IFI Current Patent Legal Status Database
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IFIREF	- The IFI Uniterm and U.S. Class Reference File
IFIUDB	- The IFI Uniterm Database from 1950-present
IMSCOPROFILE	- IMS Company Profiles 1995-present
IMSCSEARCH	- IMS Company Search
IMSDRUGCONF	- IMSworld Pharmaceutical Meetings Diary
IMSDRUGNEWS	- IMS Drug News 1991-present
IMSPATENTS	- IMS LifeCycle, Patent Focus with Patent Family Data
IMSPRODUCT	- IMS LifeCycle, New Product Focus from 1982-present

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IMSRESEARCH	- IMS LifeCycle, R&D Focus 1977-present
INFODATA	- Information Science and Work from 1976 to present
INIS	- International Nuclear Information System 1970-present
INPADOC	- The International Patent Database from 1968-present
INSPEC	- INSPEC FILE FROM 1969 - PRESENT
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LCA	- The CA Learning File
LCASREACT	- The CAS Reaction Search Service Learning File
LDPCI	- Derwent Patents Citation Index Learning File
LDRUG	- Derwent Drug Learn File
LEMBASE	- The EMBASE Learning File
LIFESCI	- CSA Life Sciences Collection from 1978-present
LINSPEC	- Learning INSPEC File
LISA	- Library and Information Science Abstracts 1969 - pres.
LITALERT	- The Patent Litigation Database from 1973 - present
LMARPAT	- The CAS Patent Markush Learning File
LMEDLINE	- The MEDLINE Learning File
LPATDPA	- The PATDPA Learning File
LREGISTRY	- The Registry Learning File.
LWPI	- Derwent World Patents Index Learning File
MARPAT	- The CAS Patent Markush File 1988-present
MATBUS	- Materials Business File from 1983-present
MDF	- Metals Datafile
MECHENG	- Mechanical and Transportation Eng. Abs. 1966-
MEDLINE	- MEDlars onLINE File from 1960 - present
METADEx	- METADEx File from 1966-present
MRCK	- The Merck Index Online (SM)
MSDS-CCOHS	- CCOHS Material Safety Data Sheets
MSDS-OHS	- Material Safety Data Sheets - OHS
NAPRALERT	- Natural Products Alert Database
NIOSHTIC	- NIOSHTIC 1973-present
NLDB	- Newsletter Database from 1988 - present
NTIS	- U.S.Government Reports Announcements 1964-present
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PAPERCHEM2	- Elsevier Engineering Information, Inc. File 1967 - pre
PASCAL	- PASCAL 1977 to the present
PATDD	- East German Patents from 1982-present
PATDPA	- The German Patent Database from 1968-present
PATDPAFULL	- The German Full-Text Patent Database from 1987-present
PATDPASPC	- German SPC for Drugs and Plant Protecting Agents 1992-
PATIPC	- International Patent Classification and Catchword Inde
PCTFULL	- WIPO/PCT Patents Full Text 1978 to the present
PCTGEN	- PCTGEN: World Patent Application Biosequences
PDLCOM	- PDL Chemical & Environmental Compatibility of Plastics
PHAR	- Pharmaprojects drug development status file
PHARMAML	- Pharma Marketletter 1992 to the present
PHIC	- Pharmaceutical & Healthcare Industry News (Current)
PHIN	- Pharmaceutical & Healthcare Industry News Archive 1980
PIRA	- PIRA & PAPERBASE Database from 1975
PLASPEC	- Plastics Technology Materials Selection Database
POLLUAB	- Pollution Abstracts from 1970-present
PROMT	- PROMT from 1978 - present
PROUSDDR	- Drug Data Report from Prous Science
PS	- Pharmaceutical Substances

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RAPRA	- Rubber, Plastics, Polymer Composites 1972 - present
RDISCLOSURE	- Research Disclosure 1960 to the present
REGISTRY	- The CAS Registry File of substances
RSWB	- Regional planning and building construction
RTECS	- Registry of Toxic Effects of Chemical Substances
RUSSIAPAT	- RUSSIAN PATENT ABSTRACTS DATABASE FROM 1994 - PRESENT
SCISEARCH	- ISI Science Citation Index from 1974 - present
SOLIDSTATE	- Solid State and Superconductivity Abstracts from 1981
SOLIS	- German literature in social sciences 1945-present
SPECINFO	- Spectral Database Information System
STNGUIDE	- Descriptive information about STN databases
STNMAIL	- STN Electronic Mail Service
SYNTHLINE	- Synthline Drug Synthesis Database 1984-present
TEMA	- TEMA: Technology and Management 1990 to the present
TEXTILETECH	- Textile Technology Digest from 1978 to the present
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TRIBO	- TRIBOLOGY INDEX (Friction,Wear,Lubrication) 1972-pres.
TULSA	- Petroleum Abstracts 1965-present
TULSA2	- Petroleum Abstracts 1965-present (Non-subscribers)
UFORDAT	- Environment Research in Progress from 1974 - present
ULIDAT	- Environmental Literature from 1976-present
USAN	- USAN - United States Adopted Names
USPAT2	- U.S. Patents Latest Publications from 2001 - present
USPATFULL	- U.S. Patents Original Publications from 1971 - present
VETB	- Derwent Veterinary Drug File 1968 - 1982
VETU	- Derwent Veterinary Drug File 1983 - 2001
WATER	- Water Resource Abstracts 1967 to the present
WELDASEARCH	- Weldasearch 1967 to the present
WORLDCAT	- OCLC Union Catalog (of library holdings)
WPIDS	- Derwent World Patents Index 1963 - present (Subscr.)
WPIFV	- WPIFV - DERWENT WORLD PATENT INDEX FIRST VIEW
WPINDEX	- Derwent World Patents Index 1963 - present
WPIX	- DERWENT WPI WITH EXTENSION ABSTRACTS 1963 - PRESENT
WSCA	- World Surface Coatings Abstracts 1976 - present
WTEXTILES	- WORLD TEXTILES 1970 TO THE PRESENT
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7373 LAMBERT
1445 WARNER-LAMBERT
(WARNER(W) LAMBERT)
2948 METALLOPROTEASE

L14 0 ROARK AND WARNER-LAMBERT AND METALLOPROTEASE

=> s Roark and Warner-Lambert

386 ROARK
7093 WARNER
7373 LAMBERT
1445 WARNER-LAMBERT
(WARNER(W) LAMBERT)

L15 0 ROARK AND WARNER-LAMBERT

=> s Roark

L16 386 ROARK

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B. SORTED BY DATE:

[<<<](http://www.stn-international.de/stndatabases/details/inpadoc/fkd2)

>>> PLEASE BE AWARE OF THE NEW IPC REFORM IN 2006, SEE

[<<<](http://www.stn-international.de/stndatabases/details/ipc_reform.html)

>>> NEW IPC8 SEARCH, DISPLAY, AND SELECT ENHANCEMENTS ! --> SEE NEWS <<<

>>> A thesaurus is available in the /IPC search field --> SEE NEWS <<<

>>> FOR CHANGES IN INPADOC SEE HELP CHANGE (last updated February 16, 2006) <<<

=> s US 10620174

4452 US

0 10620174

L19 0 US 10620174

(US(W)10620174)

=> s US 620174

4452 US

0 620174

L20 0 US 620174

(US(W)620174)

=> s US 06-620174

4452 US

3600 06

0 620174

L21 0 US 06-620174

(US(W)06(W)620174)

=> logoff

ALL L# QUERIES AND ANSWER SETS ARE DELETED AT LOGOFF

LOGOFF? (Y)/N/HOLD:y

COST IN U.S. DOLLARS

SINCE FILE

TOTAL

ENTRY

SESSION

FULL ESTIMATED COST

1.82

85.36

DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)

SINCE FILE

TOTAL

ENTRY

SESSION

CA SUBSCRIBER PRICE

0.00

-15.00

STN INTERNATIONAL LOGOFF AT 15:49:23 ON 29 MAR 2006